

BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA
DOCKET NO. 2006-63-E - ORDER NO. 2009-85

FEBRUARY 17, 2009

IN RE: Application of Lockhart Power Company)	ORDER APPROVING
Requesting That the Meter-Testing)	METER SAMPLING TEST
Requirement as Set Forth in Commission)	PLAN
Reg. 103-370 Be Waived During This)	
Remaining 3-Year Meter Replacement)	
Period)	

This matter comes before the Public Service Commission of South Carolina (“Commission”) for approval of a Meter Sampling Plan submitted by Lockhart Power Company (“Lockhart” or “Company”). Under Order No. 2006-159 dated March 13, 2006, the Commission granted Lockhart a waiver of the Commission's meter testing requirements as set forth in Commission Regulation 103-370 (Supp. 2008). The Company had requested that the waiver be granted in order to avoid the cost to the Company and the ratepayer of the testing of meters that were scheduled for replacement during years 2006 through 2008. The Commission granted the waiver to extend through the end of the Company's three year meter replacement process.

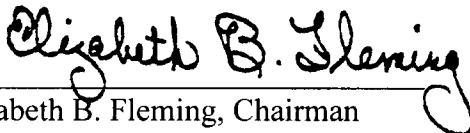
In issuing its Order, the Commission directed Lockhart to submit to both the Commission and the ORS its three-year schedule of meter replacement activity, and to update both the Commission and ORS annually on its progress on the meter replacement project. On February 13, 2007, Lockhart filed its first annual update with the Commission. On April 28, 2008, the Company filed its second annual update, reporting

that the meter testing process was complete. It further stated that in compliance with the final provision of Order No. 2006-159, Lockhart would file a Meter Sampling Test Plan before the end of 2008.


Lockhart has now submitted its Meter Sampling Test Plan, which is attached to this Order, and we find that it is now in compliance with Order No. 2006-159. Additionally, we find that the Meter Sampling Test Plan is in the public interest. Accordingly, it is approved.

This Order shall remain in full force and effect until further order of the Commission.

BY ORDER OF THE COMMISSION:


Elizabeth B. Fleming, Chairman

ATTEST:


John E. Howard, Vice Chairman
(SEAL)

Lockhart Power Company

Meter Sampling Plan for Single-Phase Watt-Hour Meters

1. The procedure for the sampling plan will be Variability Unknown-Standard Deviation Method for a Single Specification Limit. An Inspection Level I, reduced inspection, with AQL=1% is to be used. This is based on the ANSI standard Z1.9-2003.
2. Samples of self-contained, single-phase watt-hour meters shall be tested on an annual basis. The samples will be drawn from the entire population of the same meter type.
3. The sampling rate (K) shall be computed by dividing the total number of meters (N) by the number in the sample (n). Thus $K = N/n$. The sample (n) shall be drawn from the meter history records by first selecting, from tables of random numbers, a random number between 1 and K, then drawing the meter which occupies this position, and then drawing every Kth meter thereafter.
4. The number of meters in each sample shall be selected annually by the company consistent with criteria established in the *ANSI standard Z1.9-2003*. If the group fails to meet the criteria in *ANSI standard Z1.9-2003* then a new sample will be drawn for normal inspection and tested separate from the sample that failed. If this sample fails then the entire group will be recalibrated at a minimum rate of 5% per year until all of the meters in that group have been recalibrated or until succeeding annual samples show that the performance criteria have been met. Meters to be recalibrated shall be selected on the basis of the longest time since last test. Meters so tested and placed into service shall be sampled as a separate group from the remainder of the original group not tested. When the sample results of the remainder of the original group indicate that the group meets the performance criteria, the components of the group may be consolidated for subsequent sampling.
5. A report shall be made annually to the South Carolina Public Service Commission and Office of Regulatory Staff showing results and any action taken.